

## ABSTRACT OF THE DISCLOSURE

A linear sliding guide comprises a longitudinal rail (1) with sliding surfaces, and a slider (2) axially displaceable on the sliding surfaces of the rail. On the slider (2) sliding bearings (6, 7) bear against the sliding surfaces, and their contact pressure is adjustable by a clamp. Upsetting of the sliding bearings (6, 7) when eccentric transverse loadings occur is avoided, and simple adjustment of the contact pressure of the sliding bearings (6, 7) is possible. The rail (1) has mutually oppositely disposed recesses (10, 12) extending in the longitudinal direction. The sliding surfaces are provided within the recesses (10, 12). In corresponding relationship with each recess (10, 12) on the slider (2) is a wedge-shaped prestressing bar (5) with operative surfaces which can be pressed into the respective recess (10, 12). The sliding bearings (6, 7) are respectively arranged on the operative surfaces of the prestressing bar (5).